

AMENDMENTS TO CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A wireless information distribution system comprising:
 - a wireless information distribution device and a portable wireless device;
 - said wireless information distribution device including:
 - an external transmitting and receiving device for carrying out wireless communication with said portable wireless device;
 - a first memory for storing service information correlated to specific user attributes; and
 - a first control unit for, in response to receiving a service information request having user-provided user attributes specifying specific user preferences sent by said portable wireless device, retrieving service information correlated to said user preferences as specified by said user-provided user attributes from said first memory for transmission to said portable wireless device, said first control unit being further effective for controlling the transmitting of said retrieved service information to said portable wireless device;
 - wherein said external transmitting and receiving device transmits a communication request signal at regular intervals;
 - said portable wireless device including:
 - a second memory for storing said service information request including said user-provided user attributes specifying specific user preferences;
 - a display;
 - a transmitting and receiving unit for carrying out wireless communication with said wireless information distribution device when within range of said wireless information distribution device; and
 - a second control unit for transmitting via said transmitting and receiving unit a communication-ready signal and transmitting said service information request, including said user-provided user attributes, stored in said second memory to said external transmitting and receiving device, and for displaying on said display service information sent from said external

transmitting and receiving device in response to said service information request;

wherein said second control automatically transmits without user intervention said service information request to said wireless information distribution device upon receiving said communication request signal, and the transmitted service information request made by said portable wireless device is for local-specific information.

2. (Cancelled)

3. (Previously Presented) The wireless information distribution system of claim 1, wherein:

said service information request is for user transportation information that includes a departure point and destination point of a user;

said first memory storing service information relating to the movement of at least one transportation means; and

said first control unit retrieving from said first memory, service information about the movement of a specific transportation means specified in said service information request.

4. (Previously Presented) The wireless information distribution system of claim 1, wherein:

said service information request is for user transportation information that includes a departure point and destination point of a user;

said first memory storing information on various departure points and destinations points, and on various corresponding transportation means, transfer points, and transfer options at said various transfer points usable in traveling from said various transportation departure points to said various destination points; and

said first control unit retrieving from said first memory, service information corresponding to said service information request, wherein said service information relates to at least one of said various departure points, destination points, transportation means, transfer points, and transfer point options.

5. (Previously Presented) The wireless information distribution system of claim 1, wherein:

said service information request includes information for identifying a user and includes an entry or exit request from said user;

said wireless information distribution device having an entry or exit controlling device; and

said external transmitting and receiving device being provided in the vicinity of said entry or exit controlling device;

wherein when said first control unit receives an entry or exit request via said transmitting and receiving device, said first control unit determines whether to allow the request, and controls said entry or exit controlling device in accordance with the determination.

6. (Cancelled)

7. (Original) The wireless information distribution system of claim 1, wherein said service information request made by said portable wireless device is real-time based information.

8. (Cancelled)

9. (Currently Amended) A wireless information distribution device comprising:

a memory for storing service information;

an external transmitting and receiving device for carrying out radio communication with a mobile wireless device located within range of said external transmitting and receiving device; and

a control unit for retrieving service information from said memory for transmission to a portable wireless device in response to, and corresponding to, a service information request including specific user preferences automatically sent by said portable wireless device to said external transmitting and receiving device when within range of said external transmitting and receiving device, and transmitting said retrieved service information via said external transmitting and receiving device.

10. (Previously Presented) The wireless information distribution device of claim 9, further including an entry or exit controlling device;

wherein said external transmitting and receiving device is provided in the vicinity of said entry or exit controlling device; and

wherein said control unit, when receiving user information from said mobile wireless device for identifying a user and a user entry or exit request, determines whether to grant said user entry or exit request, and controls said entry or exit controlling device in accordance with the determination.

11. (Currently Amended) The wireless information distribution device of claim 9, wherein said specific user preferences ~~service information request includes~~ are user attributes;

said memory stores said service information and the corresponding user attributes; and

said control unit retrieves, from said memory, service information corresponding to said user attributes included in said service information request.

12. (Previously Presented) The wireless information distribution device of claim 9, wherein:

said service information request is for user transportation information including a departure point and destination point of a user;

said memory stores movement information of at least one transportation means; and

said control unit retrieves, from said memory, service information about the movement of the transportation means specified in said user transportation information.

13. (Previously Presented) The wireless information distribution device of claim 9, wherein:

said service information request is for user transportation information including a specific departure point and specific destination point of a user;

said memory stores information on various departure points and destination points along with any corresponding transfer points for various

transportation means, said memory further storing transfer options for said various transfer points usable in traveling from said various departure points to said various destination points; and

said control unit retrieves information on a desired transportation means and its corresponding transfer points transfer options for traveling from said specific departure point to said specific destination point.

14. (Previously Presented) The wireless information distribution device of claim 13, wherein said transfer options include routes for use in changing transportation means at transferring points.

15. (Previously Presented) The wireless information distribution device of claim 14, wherein said transfer option include information about any of stairs, escalators, or elevators available for said user.

16. (Previously Presented) The wireless information distribution device of claim 13, wherein the information on transfer points includes any wait time expected at a given transfer point.

17. (Previously Presented) The wireless information distribution device of claim 13, wherein said various transportation means includes any of a train, bus, airplane, or ship.

18. (Previously Presented) The device of claim 9, wherein said external transmitting and receiving device transmits, at regular intervals, a communication request signal.

19. (Currently Amended) A portable wireless device for radio communication with an external transmitting and receiving device of a wireless information distribution device, said portable wireless device comprising:

a transmitting and receiving unit for carrying out radio communication;

a memory for storing a service information request including predefined user preferences;

a display; and

a control unit, for automatically transmitting a communication ready signal and said service information request to said external transmitting and receiving device in response to coming within range of said external transmitting and receiving device, and for displaying on said display service information sent from said external transmitting and receiving device in response to said service information request.

20. (Previously Presented) The portable wireless device of claim 19, wherein:

said memory further stores user information for identifying a user; and
said service information request includes said user information along with a user entry or exit request.

21. (Currently Amended) The portable wireless device of claim 19, wherein:

said user preferences are stored in said memory ~~includes as~~ user attributes;

said service information request includes said user attributes; and
said service information sent from said transmitting and receiving unit corresponds to said user attributes.

22. (Previously Presented) The portable wireless device of claim 19, wherein:

said memory stores user transportation information including a departure point and destination point of a user;

said service information request includes said user transportation information; and

said service information sent from said transmitting and receiving unit includes information about movement of a transportation means specified in said user transportation information.

23. (Previously Presented) The portable wireless device of claim 19, wherein:

said service information request is for user transportation information on a transportation means, including a departure point and a destination point; and

said service information sent from said transmitting and receiving unit includes information on said transportation means, transfer points, and methods for transferring in traveling from said departure point to said destination point.

24. (Previously Presented) The device of claim 19, wherein said transmitting and receiving unit carries out radio communication with said external transmitting and receiving device only upon receiving a communication request signal sent from said external transmitting and receiving device.

25. (Previously Presented) The portable wireless device of claim 19, wherein said display displays the time for a predetermined period after receiving said service information from said external transmitting and receiving device.

26. (Currently Amended) A method for controlling a wireless information distribution device, wherein the information distribution device includes a memory for storing service information;

an external transmitting and receiving device for radio communication with a portable wireless device when within range of the portable wireless device; and a control unit, said method comprising the steps of:

storing service information;

receiving an automatic service information request including user preferences from said portable wireless device;

retrieving service information corresponding to said received service information request; and

transmitting said retrieved service information via said external transmitting and receiving device.

27. (Previously Presented) The method for controlling a wireless information distribution device of claim 26, wherein said wireless information distribution device has an entry or exit controlling device and said external transmitting and receiving device is located in the vicinity of said entry or exit controlling device; said method further comprising the steps of:

receiving user information for identifying a user, and receiving an entry or exit request of said user;

determining whether to grant permission for said entry or exit request; and

controlling said entry or exit controlling device in accordance with said determination.

28. (Currently Amended) The method for controlling a wireless information distribution device of claim 26, wherein said user preferences ~~service information request includes~~ are part of user attributes having a correspondence to selected service information, said method further comprising the steps of:

storing said user attributes; and

retrieving said selected service information corresponding to said user attributes.

29. (Previously Presented) The method for controlling a wireless information distribution device of claim 26, wherein said service information request is for user transportation information and includes a departure point and destination point of a user, said method further comprising the steps of:

identifying a specific transportation means corresponding to said user transportation information included in said service information request; and

retrieving information about the movement of said specific transportation means.

30. (Previously Presented) The method for controlling a wireless information distribution device of claim 26, wherein said service information request is for user transportation information and includes a specific departure point and a specific destination point; said method further comprising the steps of:

storing information on various departure points and destination points, various corresponding transportation means and their transfer options at said various transfer points usable in traveling from said departure points to said destination points;

retrieving service information about at least one of said various transportation means, transfer options, and transfer points corresponding to said user transportation information included in said service information request.

31. (Currently Amended) A method for controlling a portable wireless device in communication with a wireless information distribution device having a memory for storing service information desired by a user of said portable wireless device and having an external transmitting and receiving device, said portable wireless device having a display and a transmitting and receiving unit for radio

communication when within range of said external transmitting/receiving device; said method comprising the steps of:

in response to entering into a radio communication range of said external transmitting and receiving device, automatically transmitting a communication-ready signal and a service information request including user preferences without user intervention from said portable wireless device to said external transmitting and receiving device;

receiving from said external transmitting and receiving device service information in response to said service information request; and

displaying said received service information on said display.

32. (Previously Presented) The method for controlling a portable wireless device of claim 31, wherein said service information request includes user information for identifying said user of said portable wireless device, and includes an entry or exit request of said user.

33. (Currently Amended) The method for controlling a portable wireless device of claim 31, wherein:

said user preferences service information request includes are part of user attributes; and

said service information received from said transmitting and receiving device corresponds to said user attributes.

34. (Previously Presented) The method for controlling a portable wireless device of claim 31, wherein:

said service information request includes user transportation information including a departure point and destination point of said user; and

said service information received from said transmitting and receiving device includes information about the movement of a transportation means specified in said user transportation information.

35. (Previously Presented) The method for controlling a portable wireless device of claim 31, wherein:

said service information request is user transportation information including a departure point and destination point of a user; and

said service information received from said transmitting and receiving device is information about the itinerary of said user including:

a transportation means to travel from said starting point to said destination point;

transfer points; and

methods for transferring at said transfer points;

wherein said itinerary corresponds to said user transportation information included in said service information request.

36. (Currently Amended) A computer program product for enabling a computer to control a wireless information distribution device, wherein said wireless information distribution device includes:

a memory for storing service information;

an external transmitting and receiving device for radio communication with a portable wireless device located within range of said external transmitting and receiving device;

said computer program comprising the steps of:

storing service information;

receiving an automatic service information request including user preferences via said external transmitting and receiving device;

retrieving service information corresponding to said service information request; and

transmitting said retrieved service information via the external transmitting and receiving device.

37. (Currently Amended) A computer program product for enabling a computer to control a portable wireless device, wherein the portable wireless device includes:

a memory for storing a service information request including user preferences for information desired by a user of said portable wireless device;

a display; and

a transmitting and receiving unit for radio communication with a wireless information distribution device when entering in range of an external transmitting and receiving device of said wireless information distribution device; said computer program comprising the steps of:

automatically transmitting to said external transmitting and receiving device via said transmitting and receiving unit, in response to coming within range, a communication-ready signal and said service information request stored in said memory;

receiving service information from said external transmitting/receiving device, in response to, and in corresponding to, said service information request; and

displaying said received service information on said display.

38. (Currently Amended) A computer-readable media storing a computer program for enabling a computer to control a wireless information distribution device, wherein said wireless information distribution device includes:

a memory for storing service information;

an external transmitting and receiving device for radio communication with a portable wireless device located within range of said external transmitting and receiving device; and

a control unit;

said computer program comprising the steps of:

storing service information;

receiving and automatic service information request including user preferences via said external transmitting and receiving device;

retrieving service information from said memory corresponding to said service information request; and

transmitting said retrieved service information via said external transmitting and receiving device.

39. (Currently Amended) A computer-readable media storing a computer program for causing a computer to control a portable wireless device, wherein the portable wireless device includes:

a memory for storing service information request including user preferences;

a display; and

a transmitting and receiving unit for radio communication with an external transmitting and receiving device of a wireless information distribution device, when entering in range of said external transmitting and receiving device;

said computer program comprises steps of:

in response to coming within range of said external transmitting and receiving device, automatically transmitting a communication-ready signal and said service information request stored in said memory, via said transmitting and receiving unit, to said external transmitting and receiving device;

receiving service information via said external transmitting/receiving device in response to said transmitted service information request; and

displaying said received service information on said display.